

OCT 16 2003
PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE

PILLSBURY WINTHROP LLP, LOS ANGELES
Serial No.: 10/086,374; Filing Date: 10/22/01
Inventor: Thomas P. CASTELLANO
Title: *Engine and Diffuser for Use w/a Needle-less...*
Attorney Name: Seth D. Levy (Reg. No. 44869)
Tel.: (213) 488-7100 Docket No.: 69816-277438
Sheet 2 of 14

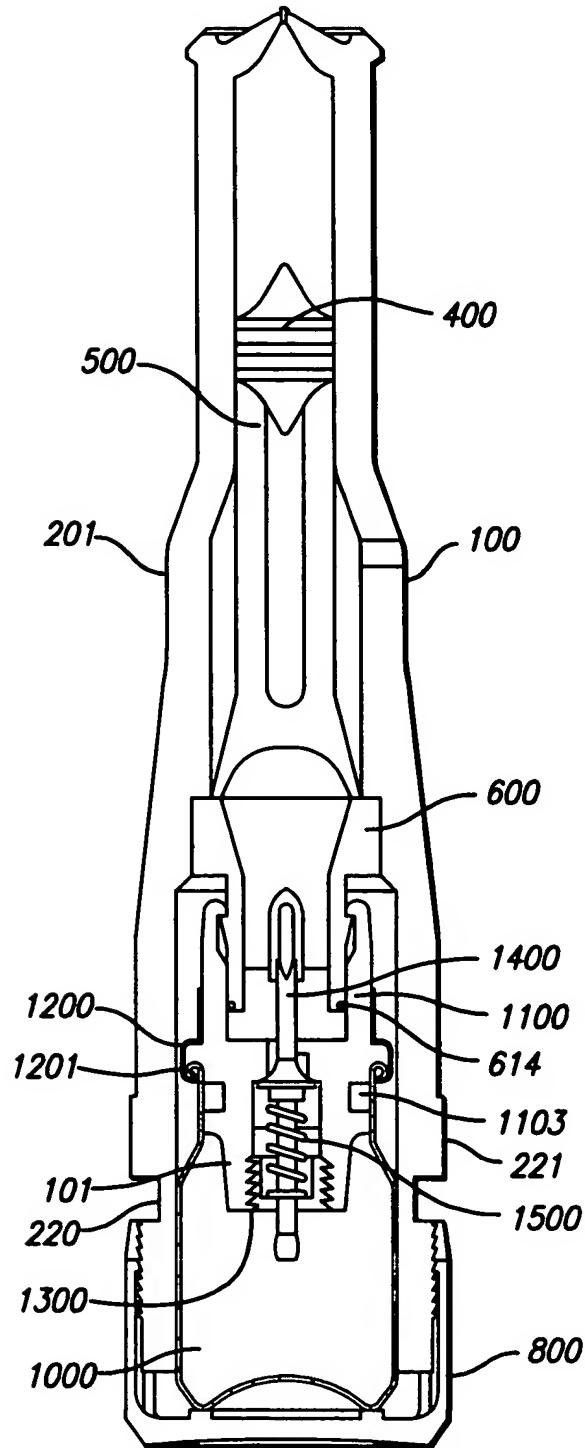


FIG. 1b



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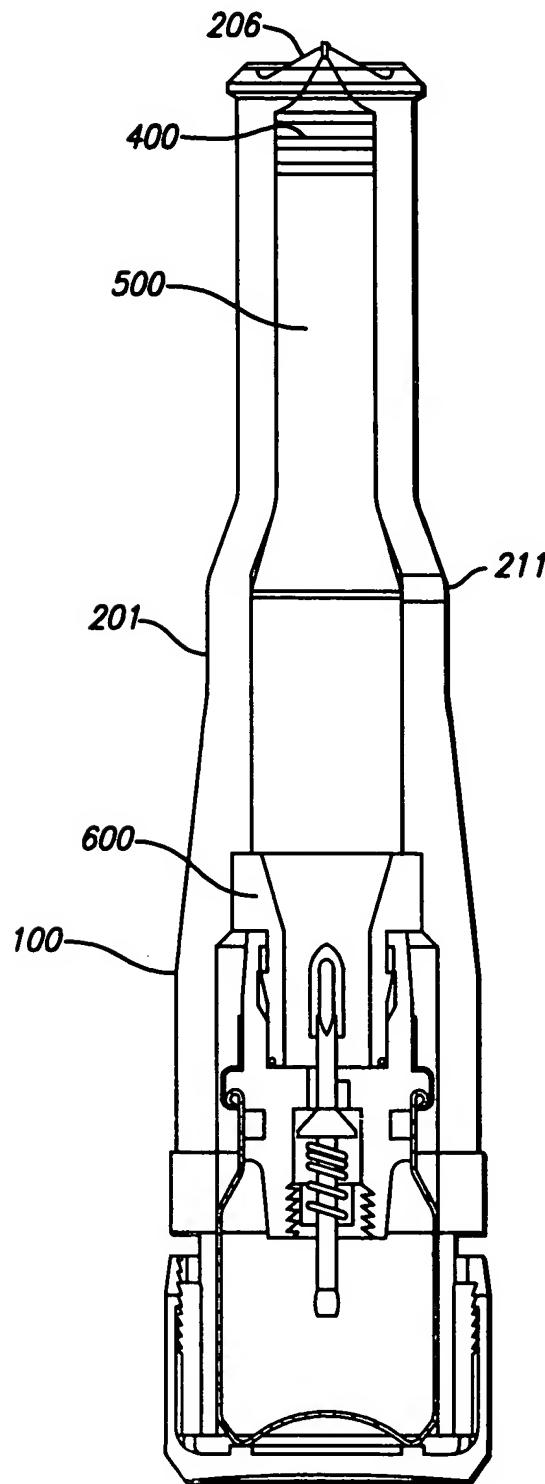


FIG. 1d



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FIG. 2a

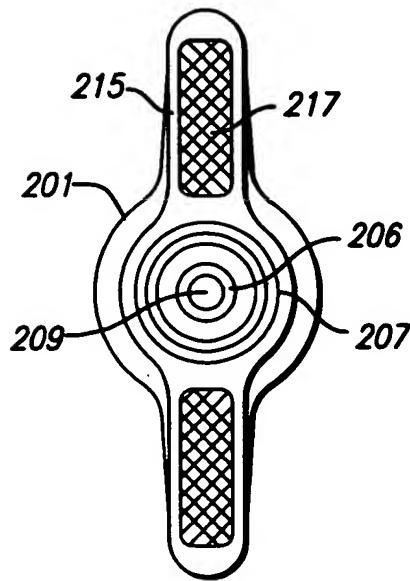
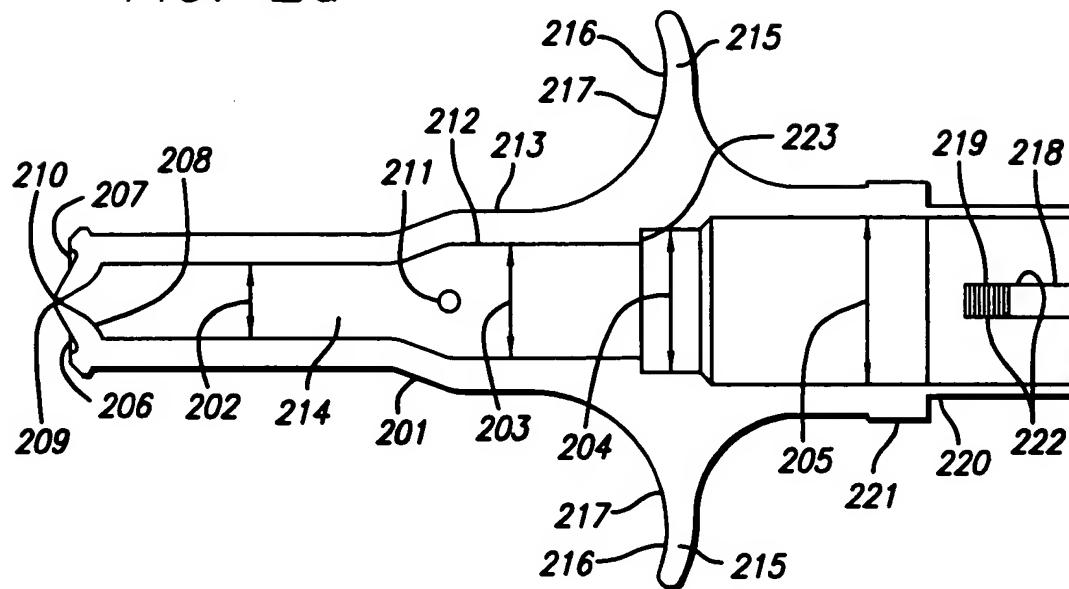


FIG. 2b

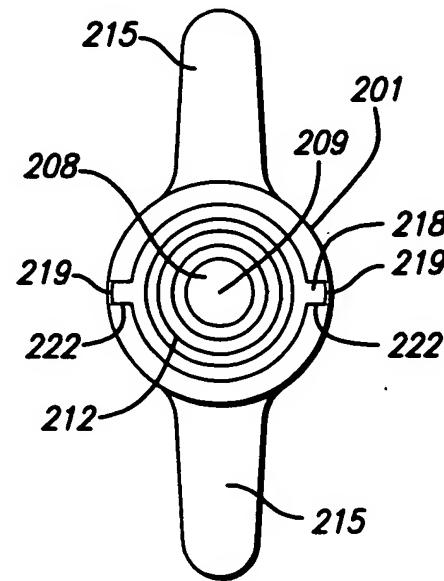


FIG. 2c



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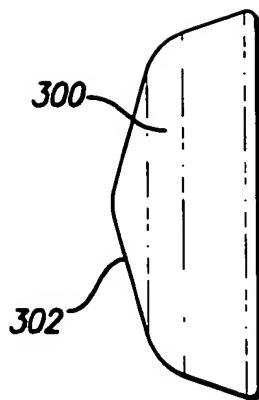


FIG. 3a

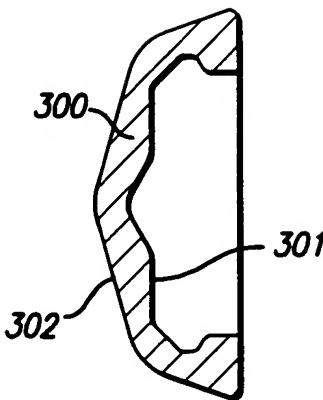


FIG. 3b

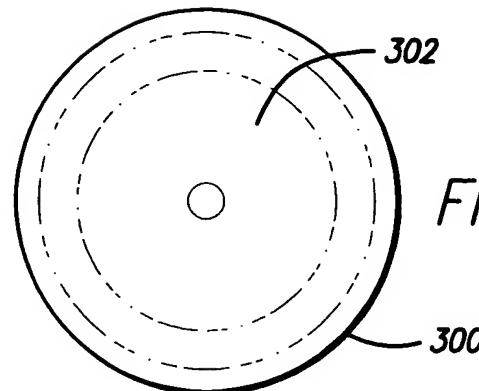


FIG. 3c

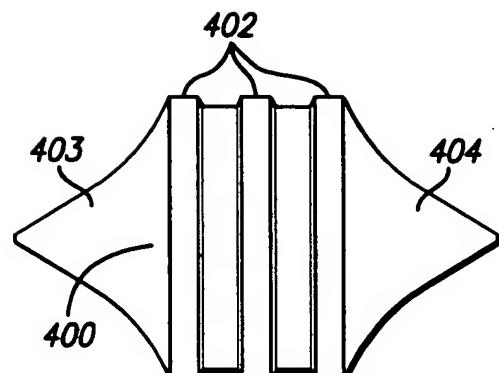


FIG. 4a

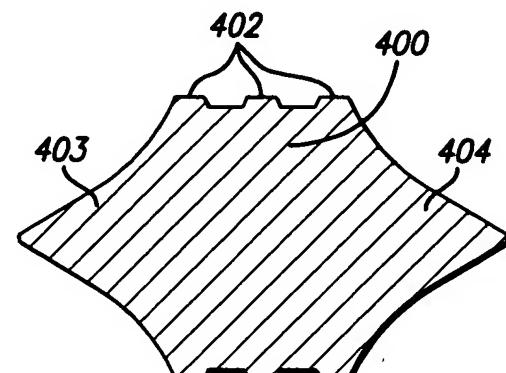


FIG. 4b

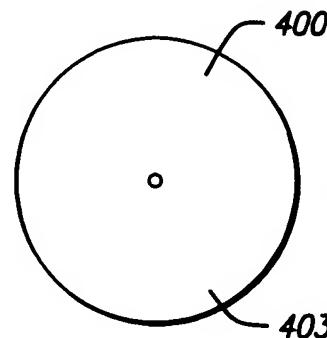


FIG. 4c



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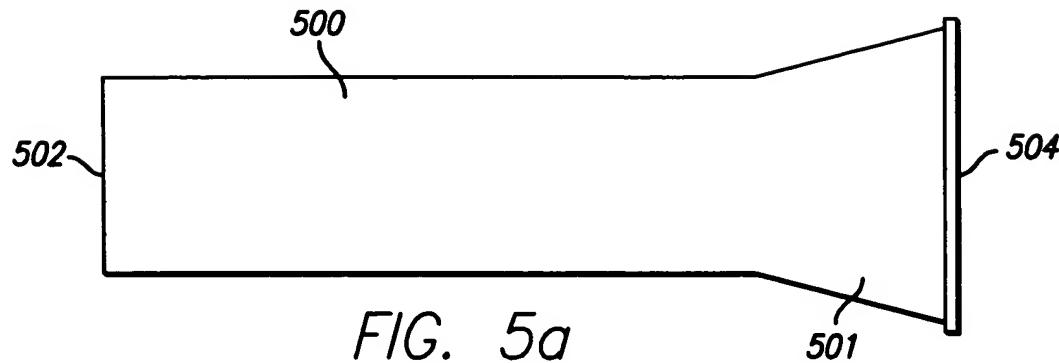


FIG. 5a

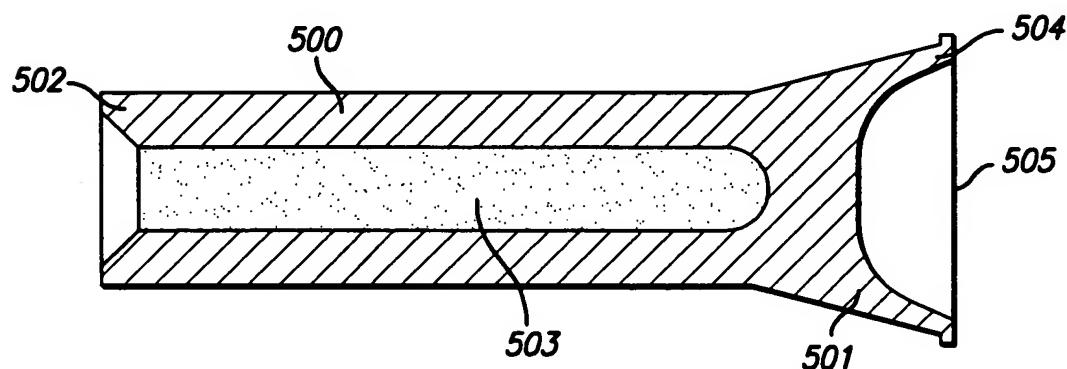


FIG. 5b

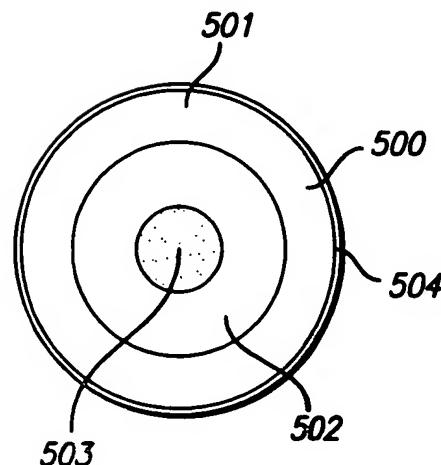


FIG. 5c

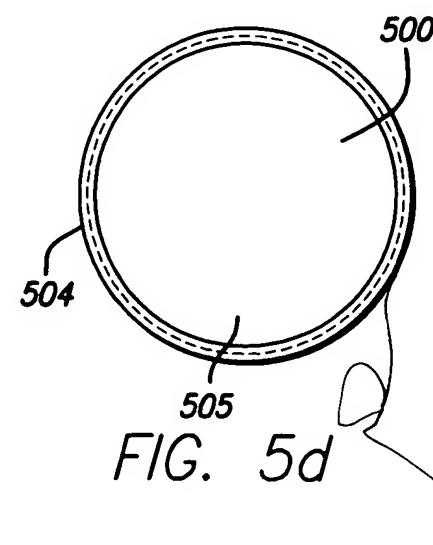


FIG. 5d



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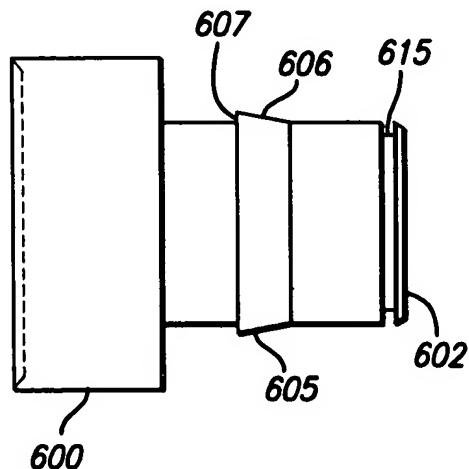


FIG. 6a

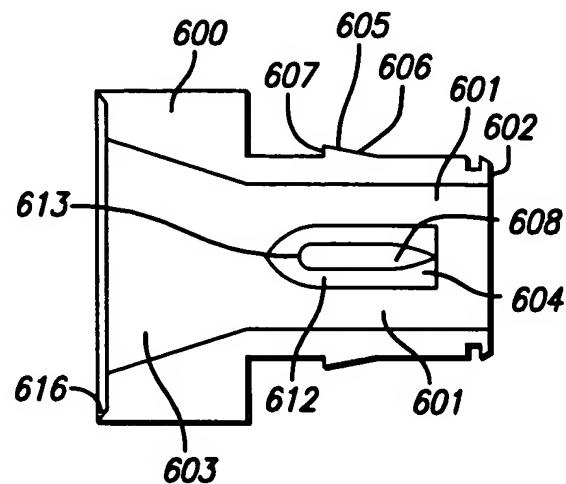


FIG. 6b

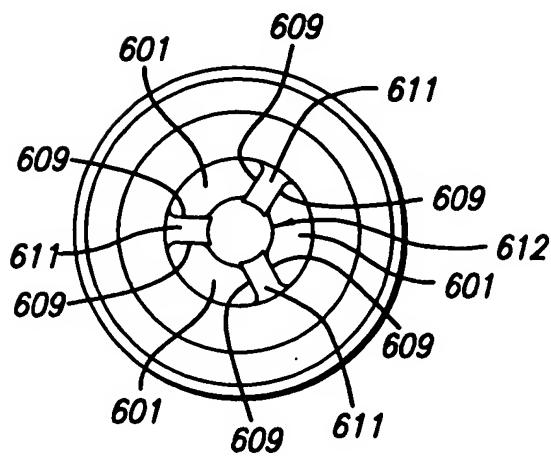


FIG. 7a

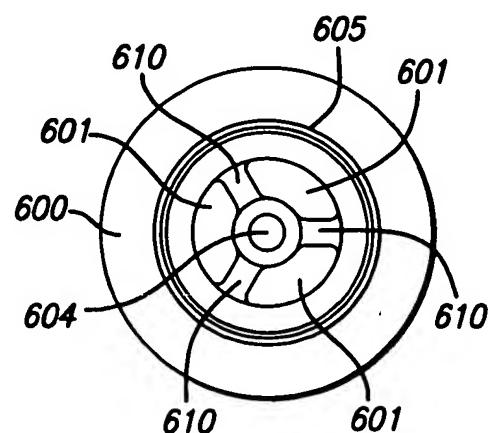


FIG. 7b

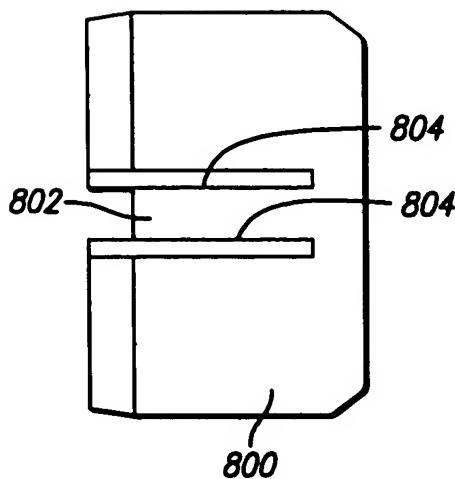


FIG. 8a

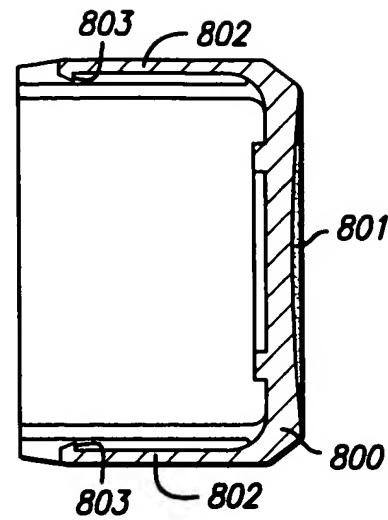


FIG. 8b

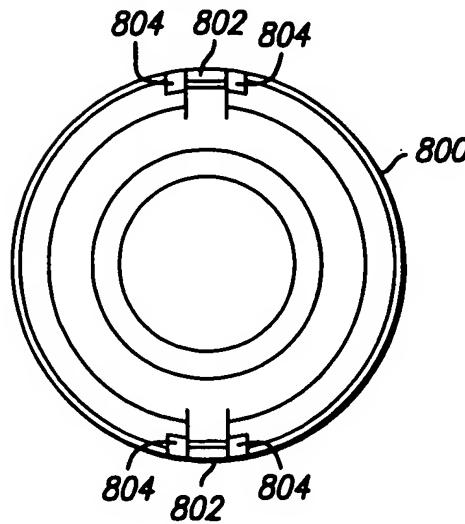


FIG. 8c

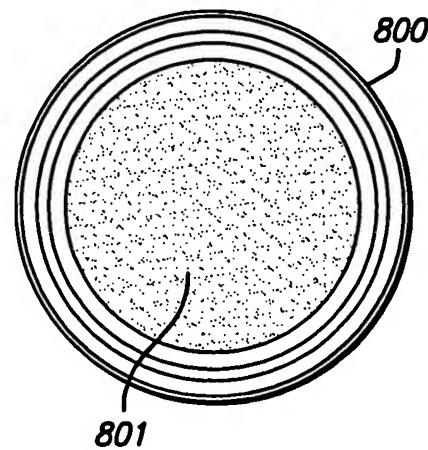


FIG. 8d

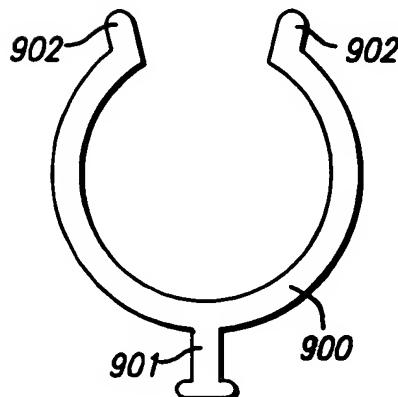


FIG. 9a

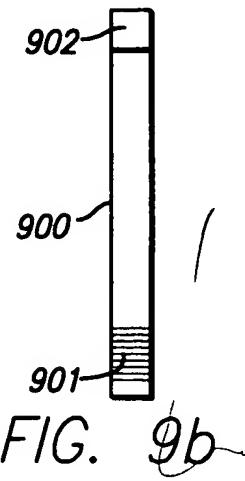


FIG. 9b





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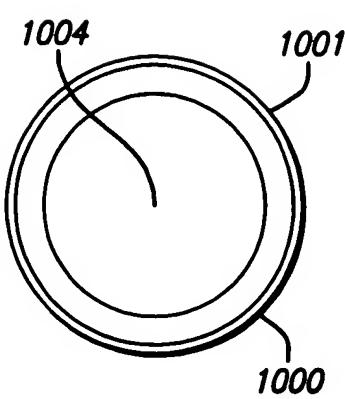


FIG. 10a

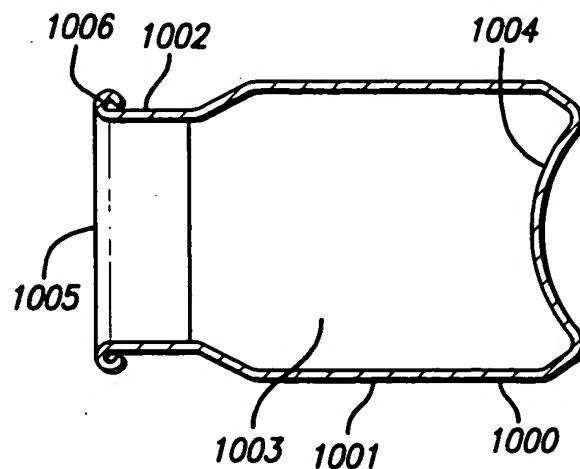


FIG. 10b

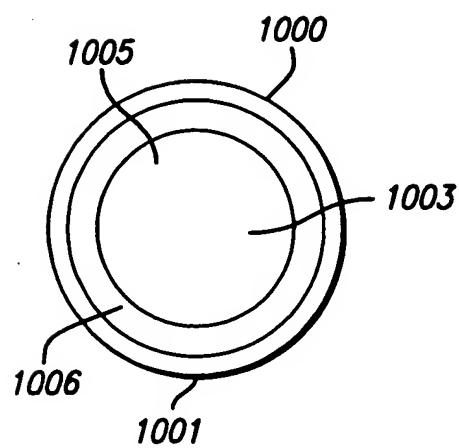


FIG. 10c

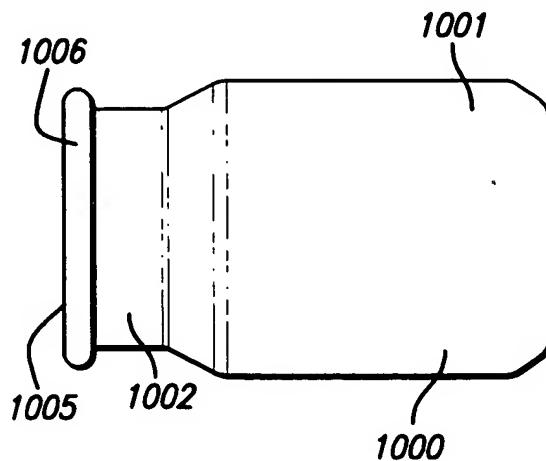


FIG. 10d

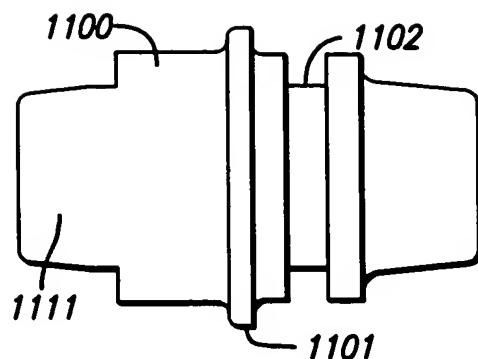


FIG. 11a

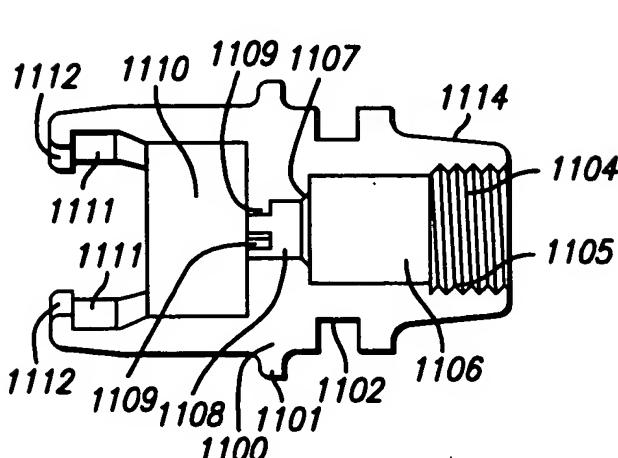


FIG. 11b

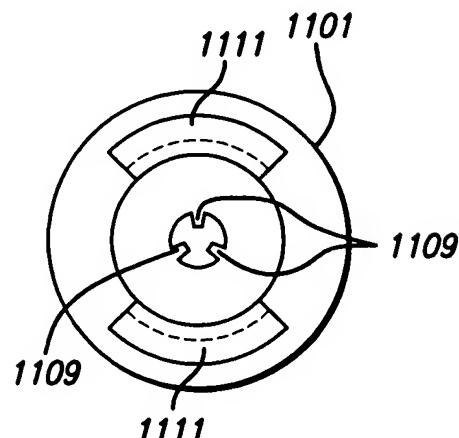


FIG. 11c

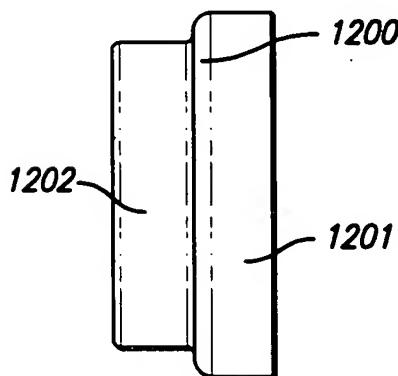


FIG. 12a

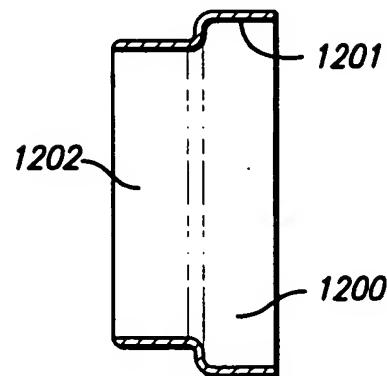


FIG. 12b

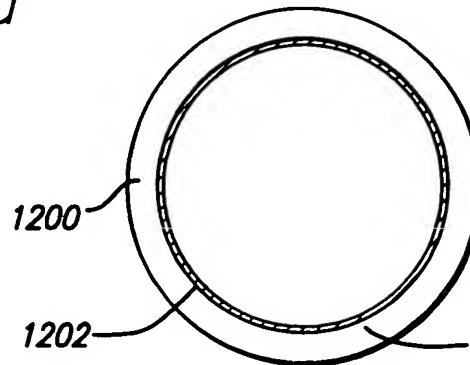


FIG. 12c



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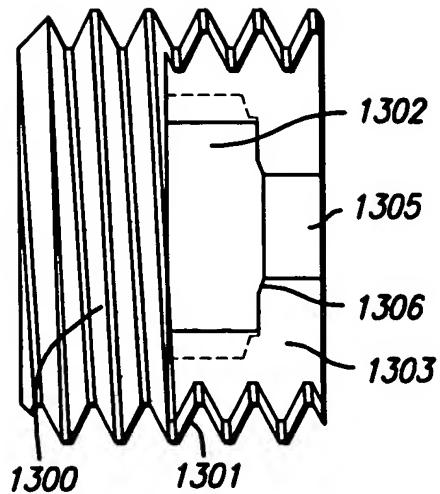


FIG. 13a

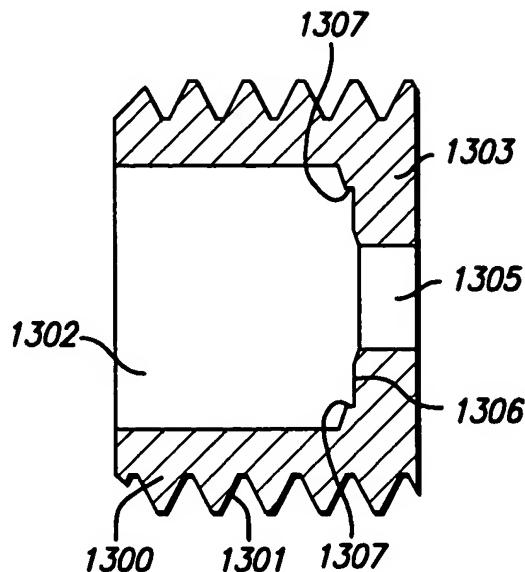


FIG. 13b

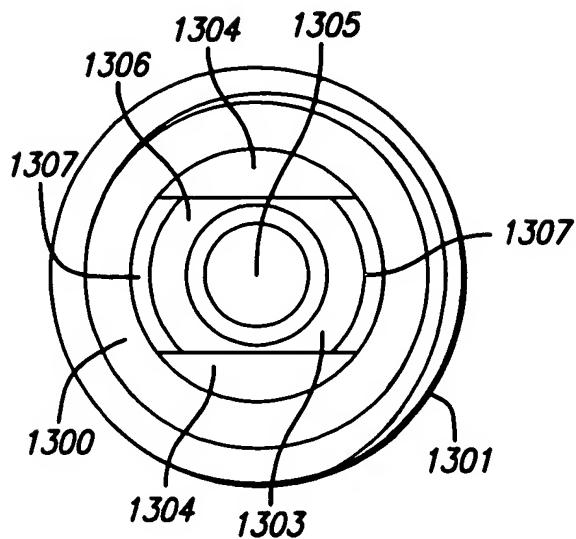


FIG. 13c

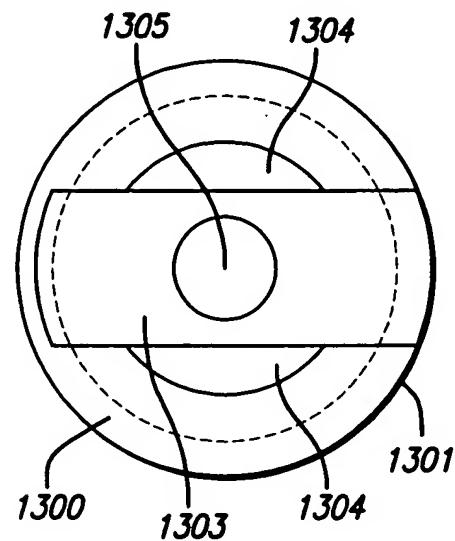


FIG. 13d

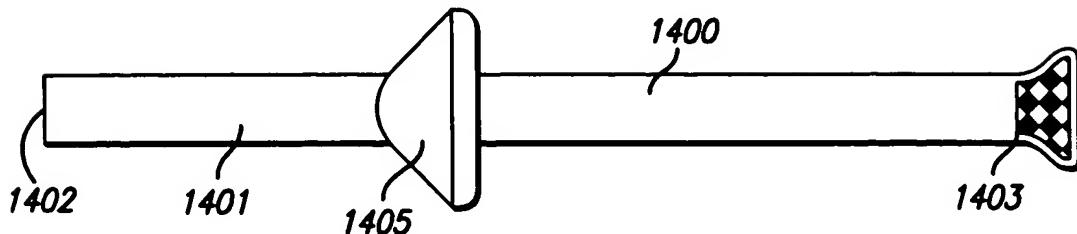


FIG. 14a

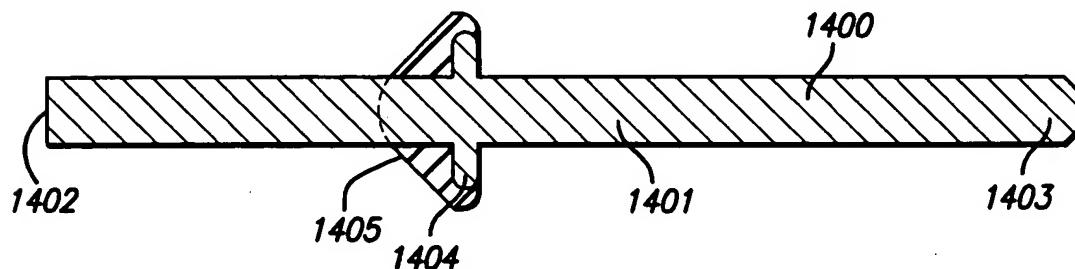


FIG. 14b

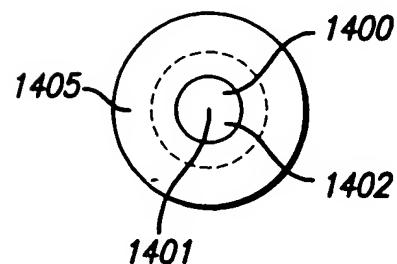


FIG. 14c



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FIG. 15a

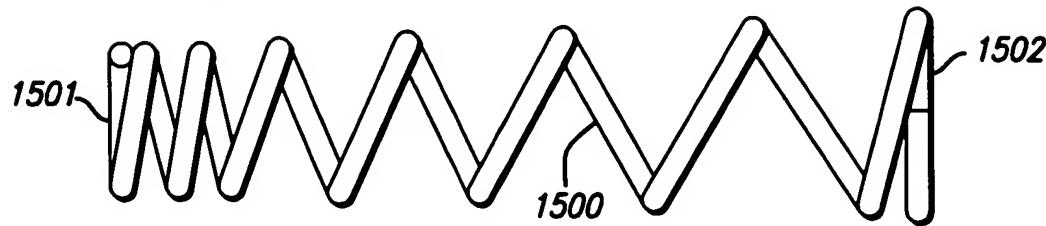


FIG. 15b

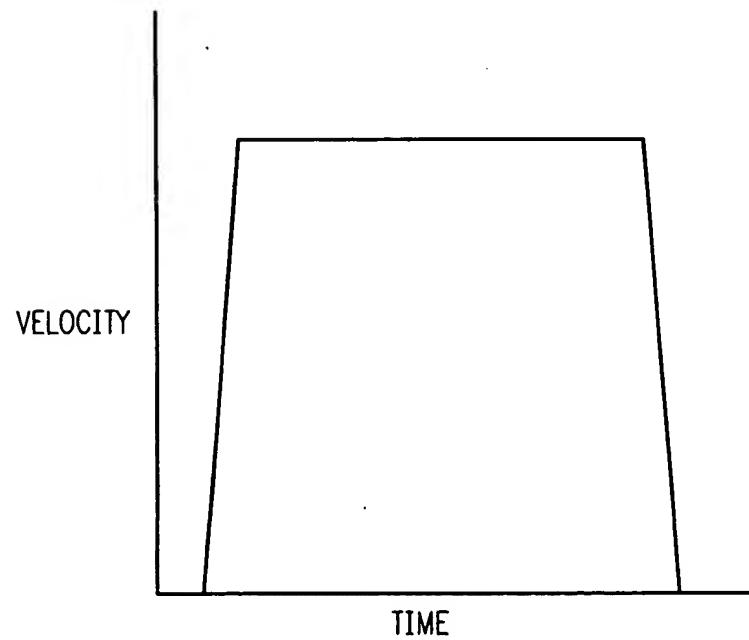
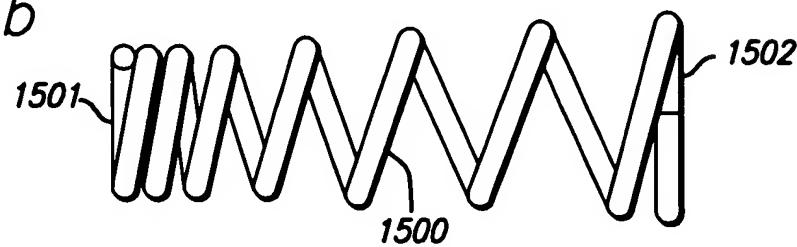


FIG. 16



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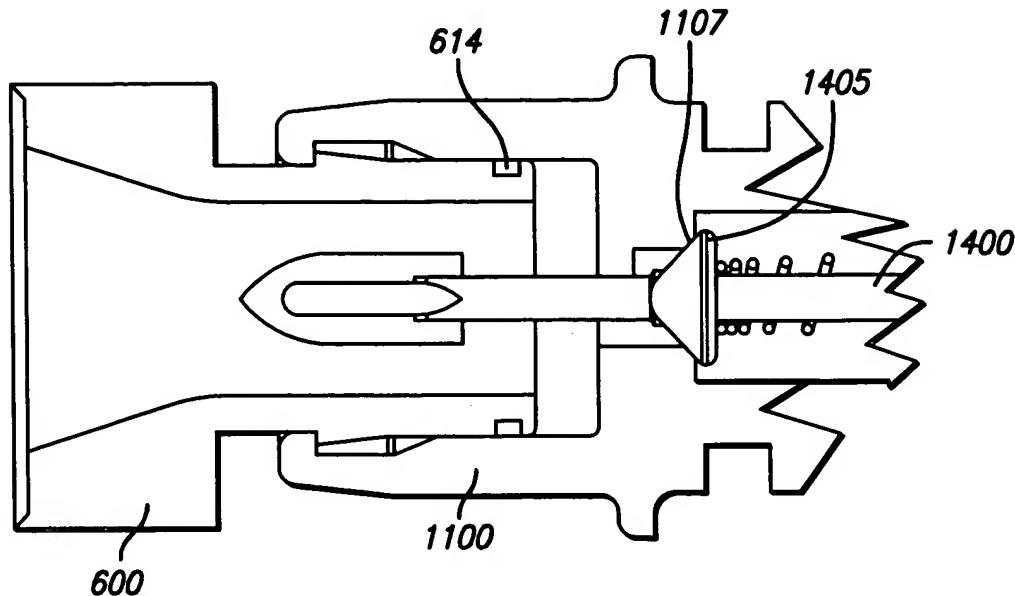


FIG. 17a

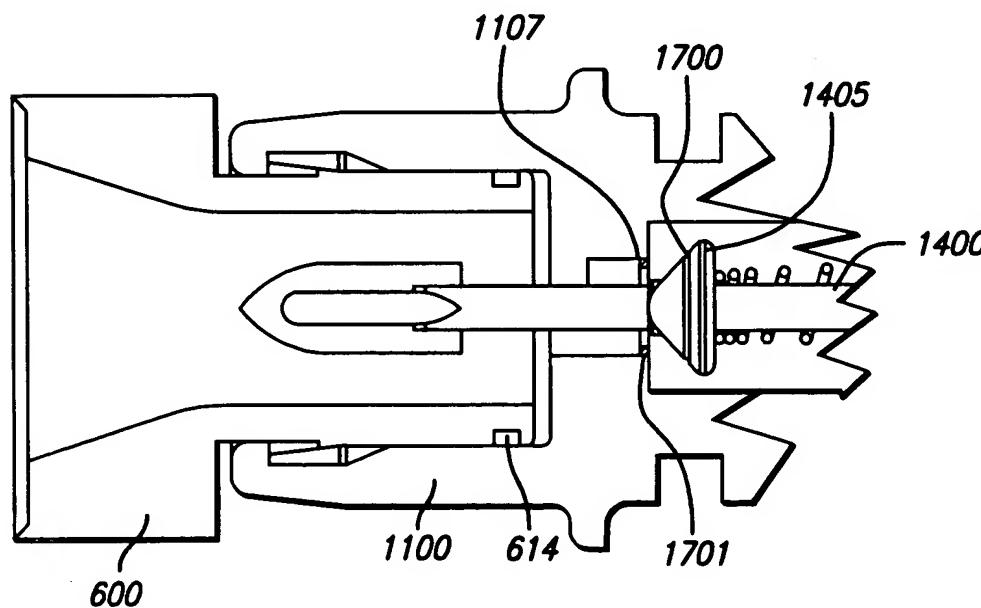


FIG. 17b